



Zoom ADSL X3

Modem + Router + Gateway with Ethernet Interface

Model 5560

High-speed "always-on" Internet access

ADSL modem plus user-selectable router with built-in NAT firewall

Works with all popular ADSL services

Fast and easy installation

Includes two phone jacks to support an attached telephone as well as ADSL service

Software upgradeable

Ethernet interface for use with most operating systems

Works great with wireless access points or gateways

Documentation and software provided in Danish, Dutch, English, French and Portuguese and Spanish

Two year warranty

The Zoom ADSL X3 Modem Model 5560 is a full rate ADSL modem and a powerful gateway/router in a single affordable product.

The Zoom X3 delivers up to 8 Mbps data speeds over existing telephone wires in a home or office. All popular ADSL standards are supported, including: Full Rate ANSI T1.413, G.DMT ITU G.992.1 and Splitterless G.Lite ITU G.992.2.

With its built-in Internet gateway, the X3 can also provide ADSL access to up to 253 computers. The X3's router assigns individual IP addresses, to give each computer independent access to the Internet. Plug the X3 into a simple hub to give ADSL service to a wired network of computers. Or plug the X3 into a wireless access point to provide your computers with wireless Internet access.

The Zoom X3 is designed for easy installation on any computer with an Ethernet port. Most operating systems are supported including Windows 95, 98, 98SE, 2000, XP and Me, Linux, Unix and MacOS. Setup is easy using a Web browser and the product's intuitive graphical user interface.

Specifications

ADSL Compliance

- Compliant with ADSL standards:
 - Full-rate ANSI T1.413 Issue 2 and ITU G.dmt (G.992.1) standards
 - Splitterless G.lite (G.992.2) specification
 - Annex A
- DMT modulation and demodulation
- Full-rate adaptive modem
 - Maximum downstream rate of 8 Mbps
 - Maximum upstream rate of 1 Mbps
- Tone detection for low power mode
- Supports splitterless ADSL implementation
- Supports DSLAM notification on power loss (Dying gasp)
- Interoperable with all major DSLAM manufacturers

ATM Protocols

- WAN mode support: PPP over ATM (RFC 2364) and PPP over Ethernet (RFC 2516)
- LAN mode support: bridged/routed Ethernet over ATM (RFC 1483) and Classical IP over ATM (RFC 1577)
- ATM Forum UNI 3.1/4.0 PVC
- Up to eight virtual circuits
- ATM segmentation and re-assembly
- ATM AAL5 (adaption layer type 5)
- OAM F4/F5

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Specifications (continued)

Bridge Mode	<ul style="list-style-type: none"> • Ethernet to ADSL self learning - Transparent Bridging (IEEE 802.1D) • Supports up to 128 MAC learning addresses
Router Mode	<ul style="list-style-type: none"> • IP routing - RIP v2 • Static routing • DNS Proxy • Port Forwarding • DHCP (Dynamic Host Configuration Protocol) server and client • NAT (Network Address Translation) • NAPT (Network Address and Port Translation) • Simultaneous USB and Ethernet operation
Security	<ul style="list-style-type: none"> • User authentication for PPP • PAP (Password Authentication Protocol) • CHAP (Challenge Authentication Protocol) • Password protected system management
Ethernet Interface	<ul style="list-style-type: none"> • IEEE 802.3 compliant • 10/100 BaseT - RJ45
Web-based	<ul style="list-style-type: none"> • HTTP Graphical User Interface • Password protected access • Firmware upgrade via FTP • WAN and LAN side connection statistics • Configuration of static routes and routing table • Configuration of NAT/NAPT • Selection of bridge or router mode • PPP user ID and password • Configuration of virtual circuits
Warranty	<ul style="list-style-type: none"> • 2 years
Size	<ul style="list-style-type: none"> • 14.6cm x 11.2cm x 2.8cm
Regulatory Approval	<ul style="list-style-type: none"> • CE, EN5502, EN55024, IE C69950

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Package contents:

- Ethernet modem
- Ethernet cable
- Phone cable
- CD ROM disk
- User manual
- Power adapter
- Filters and phone adapters:
Filters and/or phone adapters may be included in some markets. Please check the package for specifics or ask your dealer. An ADSL filter allows a telephone, facsimile machine, or other telephone instrument to be used even when you are online with your ADSL modem.